

Winter Semester 2015/16

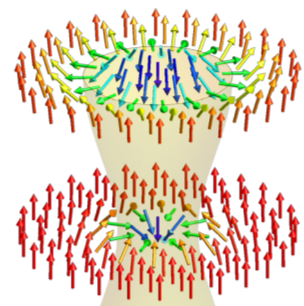


16 October 2015

Prof. Dr. Mikael Östling

KTH Royal Institute of Technology, Kista-Stockholm, Sweden

Very high voltage SiC power switches and energy-efficient integrated SiC drive electronics

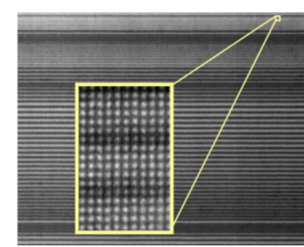


30 October 2015

Prof. Dr. Hans-Benjamin Braun

University College Dublin, Ireland

Topology and nanomagnetism: from the limits of magnetic data storage to magnetic monopoles and skyrmions

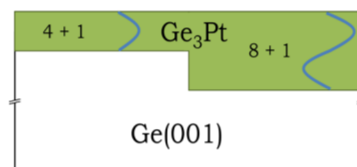


13 November 2015

Prof. Dr. Harold Y. Hwang

Stanford University & SLAC National Accelerator Laboratory, CA, USA

Complex oxides in the 2D limit

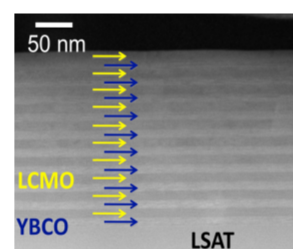


20 November 2015

Prof. Dr. Bene Poelsema

University of Twente, Enschede, the Netherlands

An in-depth LEEM study of Pt/Ge(001): birth and death of Pt nanowires and a novel near-surface confined alloy stabilized by quantum size effects

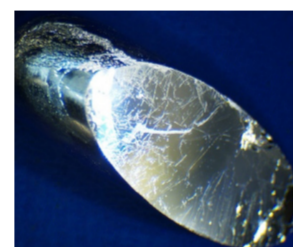


27 November 2015

Prof. Dr. Christian Bernhard

University of Fribourg, Switzerland

Magnetic and superconducting effects at the interface between cuprates and manganites

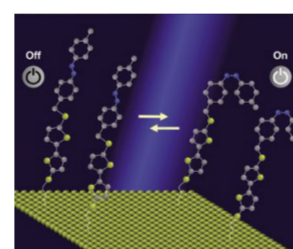


18 December 2015

Prof. Dr. Yoichi Ando

University of Cologne, Germany

Topological insulators and superconductors

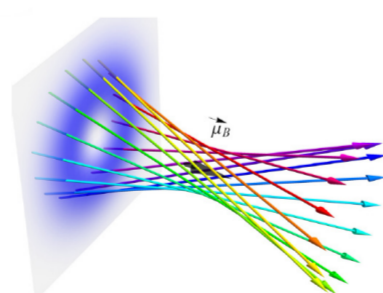


29 January 2016

Prof. Dr. Dominique Vuillaume

University of Lille 1, Villeneuve d'Ascq, France

Dynamics in molecular devices: switch, memory, memristor and synapstor

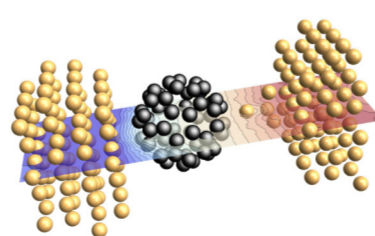


5 February 2016

Prof. Dr. Robert Stamps

University of Glasgow, Great Britain

Dynamics of chiral spin systems: soliton lattices, defects and spinwaves



12 February 2016

Prof. Dr. Mads Brandbyge

Technical University of Denmark, Lyngby, Denmark

Currents in nano-conductors: exciting atomic motion

The PGI Colloquium takes place on Fridays at 11:00 in the PGI Lecture Hall (Building 04.8, 2nd floor, Room 365), starting with coffee and biscuits at 10:45. Everyone is welcome.
For abstracts: www.fz-juelich.de/pgi/PGI_Colloquium/

